

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently amended) A computer-implemented job management method
2 for an information processing system that includes a plurality of information processing devices
3 that execute a policy command action concerning [[the]]a same job, the job management method
4 comprising:
5 storing in a computer-readable storage medium a stencil for a job definition
6 statement and data prescribing a user interface for job definition statement setup, wherein the
7 data prescribing a user interface for job definition statement setup is used to produce a user
8 interface for generating a job definition statement;
9 generating data for executing a process for generating a job definition statement
10 based on contents set by a user via the user interface in accordance with the stencil for the job
11 definition statement and the data prescribing the user interface for job definition statement setup
12 which have been stored in the computer-readable storage medium; and
13 generating the job definition statement by executing the process in accordance
14 with the generated data;
15 wherein the stencil for the job definition statement contains, in accordance with a
16 user selection made via the user interface, a definition statement for invalidating a specific
17 description written in the stencil, and the stencil for the job definition statement defines a global
18 environment variable commonly referenced by all policy command actions that are written as
19 lower-level elements for a root policy rule,
20 wherein [[the]]each policy command action is capable of setting an initial value
21 for the global environment variable, wherein the stencil for the job definition statement is written
22 in XML format.

23 wherein the information processing system interprets elements in the job
24 definition statement and executes a corresponding process for each element, the elements
25 including:
26 a root element in the job definition statement, referred to as a policy;
27 an element for grouping policy conditions and policy actions, referred to
28 as policy rules;
29 an element for grouping a plurality of the policy rules, referred to as a
30 policy group;
31 an element that waits for an event, referred to as a policy wait event
32 condition;
33 an element that waits for a specified amount of time, referred to as a
34 policy schedule condition;
35 an element that waits for a specified policy command action to terminate,
36 referred to as a policy command result condition; and
37 an element that defines a validity period of a root policy rule, referred to
38 as a policy rule validity period.

2. (Canceled)

1 3. (Currently amended) The computer-implemented job management
2 method according to [[claim 2]]claim 1, wherein the data prescribing the user interface for
3 setting the job definition statement is ~~written in XML format and~~ positioned in a file in which the
4 stencil for the job definition statement is written.

1 4. (Previously presented) The computer-implemented job management
2 method according to claim 1, wherein the user interface is capable of opening a window, which
3 is organized to prompt a user for setup, in order to prompt the user to set the job definition
4 statement.

1 5. (Previously presented) The computer-implemented job management
2 method according to claim 4, wherein the data prescribing the user interface for setting the job
3 definition statement contains control data for specifying whether the window should display
4 user-definable options.

1 6. (Previously presented) The computer-implemented job management
2 method according to claim 4, wherein the data prescribing the user interface for setting the job
3 definition statement contains control data for specifying whether or not to display a window that
4 can open subsequently to a preceding window depending on a user response to the preceding
5 window.

7. (Canceled)

1 8. (Previously presented) The computer-implemented job management
2 method according to claim 1, wherein the stencil for the job definition statement contains, in
3 accordance with a user selection made via the user interface, a definition statement issuing an
4 instruction for generating a job definition statement in which a specific description written in the
5 stencil is repeatedly written.

1 9. (Previously presented) The computer-implemented job management
2 method according to claim 1, wherein the job definition statement contains a definition statement
3 for setting a job network that executes a stream of a plurality of jobs.

1 10. (Currently amended) An information processing system including a
2 plurality of information devices that execute a policy command action concerning [[the]]a same
3 job, the information processing system comprising:
4 means for storing in a computer-readable storage medium a stencil for a job
5 definition statement and data prescribing a user interface for job definition statement setup,
6 wherein the data prescribing a user interface for job definition statement setup is used to produce
7 a user interface for generating a job definition statement;

8 means for generating data for executing a process for generating a job definition
9 statement based on contents set by a user via the user interface in accordance with the stencil for
10 the job definition statement and the data prescribing the user interface for setting the job
11 definition statement which have been stored in the computer-readable storage medium; and

12 means for generating the job definition statement by executing the process in
13 accordance with the generated data;

14 wherein the stencil for the job definition statement contains, in accordance with a
15 user selection made via the user interface, a definition statement for invalidating a specific
16 description written in the stencil, and the stencil for the job definition statement defines a global
17 environment variable commonly referenced by all policy command actions that are written as
18 lower-level elements for a root policy rule,

19 wherein each policy command action is capable of setting an initial value for the
20 global environment variable, wherein the stencil for the job definition statement is written in
21 XML format,

22 wherein the information processing system interprets elements in the job
23 definition statement and executes a corresponding process for each element, the elements
24 including:

25 a root element in the job definition statement, referred to as a policy;
26 an element for grouping policy conditions and policy actions, referred to
27 as policy rules;

28 an element for grouping a plurality of the policy rules, referred to as a
29 policy group;

30 an element that waits for an event, referred to as a policy wait event
31 condition;

32 an element that waits for a specified amount of time, referred to as a
33 policy schedule condition;

34 an element that waits for a specified policy command action to terminate,
35 referred to as a policy command result condition; and

36 an element that defines a validity period of a root policy rule, referred to as a
37 policy rule validity period.

1 11. (Original) The information processing system according to claim 10,
2 further comprising means for importing or exporting the stencil for the job definition statement
3 that is managed as data in file form.

1 12. (Currently amended) A computer readable storage product having a
2 program for execution by an information processing system including a plurality of information
3 devices that execute a policy command action concerning ~~[[the]]~~a same job, the program
4 comprising:
5 code for storing in a computer-readable storage medium a stencil for a job
6 definition statement and data prescribing a user interface for job definition statement setup,
7 wherein the data prescribing a user interface for job definition statement setup is used to produce
8 a user interface for generating a job definition statement;
9 code for generating data for executing a process for generating a job definition
10 statement based on contents set by a user via the user interface in accordance with the stencil for
11 the job definition statement and the data prescribing the user interface for setting the job
12 definition statement which have been stored in the computer-readable storage medium; and
13 code for generating the job definition statement by executing the process in
14 accordance with the generated data;
15 wherein the stencil for the job definition statement contains, in accordance with a
16 user selection made via the user interface, a definition statement for invalidating a specific
17 description written in the stencil, and the stencil for the job definition statement defines a global
18 environment variable commonly referenced by all policy command actions that are written as
19 lower-level elements for a root policy rule,
20 wherein each policy command action is capable of setting an initial value for the
21 global environment variable, wherein the stencil for the job definition statement is written in
22 XML format.

23 wherein the information processing system interprets elements in the job
24 definition statement and executes a corresponding process for each element, the elements
25 including:
26 a root element in the job definition statement, referred to as a policy;
27 an element for grouping policy conditions and policy actions, referred to
28 as policy rules;
29 an element for grouping a plurality of the policy rules, referred to as a
30 policy group;
31 an element that waits for an event, referred to as a policy wait event
32 condition;
33 an element that waits for a specified amount of time, referred to as a
34 policy schedule condition;
35 an element that waits for a specified policy command action to terminate,
36 referred to as a policy command result condition; and
37 an element that defines a validity period of a root policy rule, referred to as a
38 policy rule validity period.

1 13. (Currently amended) A computer readable storage product having a
2 program for enabling an information processing system including a plurality of information
3 devices that execute a policy command action concerning ~~[[the]]~~a same job, the program
4 comprising:
5 code for generating data for executing a process for generating a job definition
6 statement based on contents set by a user via a user interface in accordance with a stencil for the
7 job definition statement and data prescribing the user interface for job definition statement setup,
8 the stencil for the job definition statement and data prescribing the user interface for job
9 definition statement setup having been previously stored in a computer-readable storage medium,
10 wherein the data prescribing a user interface for job definition statement setup is used to produce
11 a user interface for generating a job definition statement;

12 wherein the stencil for the job definition statement contains, in accordance with a
13 user selection made via the user interface, a definition statement for invalidating a specific
14 description written in the stencil, and the stencil for the job definition statement defines a global
15 environment variable commonly referenced by all policy command actions that are written as
16 lower-level elements for a root policy rule,

17 wherein each policy command action is capable of setting an initial value for the
18 global environment variable, wherein the stencil for the job definition statement is written in
19 XML format,

20 wherein the information processing system interprets elements in the job
21 definition statement and executes a corresponding process for each element, the elements
22 including:

23 a root element in the job definition statement, referred to as a policy;
24 an element for grouping policy conditions and policy actions, referred to
25 as policy rules;

26 an element for grouping a plurality of the policy rules, referred to as a
27 policy group;

28 an element that waits for an event, referred to as a policy wait event
29 condition;

30 an element that waits for a specified amount of time, referred to as a
31 policy schedule condition;

32 an element that waits for a specified policy command action to terminate,
33 referred to as a policy command result condition; and

34 an element that defines a validity period of a root policy rule, referred to as a
35 policy rule validity period.

1 14. (Currently amended) A computer readable storage product having a
2 program for enabling an information processing device in an information processing system
3 including a plurality of information devices that execute a policy command action concerning
4 [[the]]a same job; which comprises means for storing in a computer-readable storage medium a

5 stencil for a job definition statement and data prescribing a user interface for job definition
6 statement setup, wherein the data prescribing a user interface for job definition statement setup is
7 used to produce a user interface for generating a job definition statement; and means for
8 generating data for executing a process for generating a job definition statement based on the
9 contents set by a user via the user interface in accordance with the stencil for the job definition
10 statement and the data prescribing the user interface for setting the job definition statement
11 which have been stored in the computer-readable storage medium; to implement the user
12 interface in accordance with the generated data and exercise a function for generating the job
13 definition statement;

14 wherein the stencil for the job definition statement contains, in accordance with a
15 user selection made via the user interface, a definition statement for invalidating a specific
16 description written in the stencil, and the stencil for the job definition statement defines a global
17 environment variable commonly referenced by all policy command actions that are written as
18 lower-level elements for a root policy rule,

19 wherein each policy command action is capable of setting an initial value for the
20 global environment variable, wherein the stencil for the job definition statement is written in
21 XML format,

22 wherein the information processing system interprets elements in the job
23 definition statement and executes a corresponding process for each element, the elements
24 including:

25 a root element in the job definition statement, referred to as a policy;
26 an element for grouping policy conditions and policy actions, referred to
27 as policy rules;

28 an element for grouping a plurality of the policy rules, referred to as a
29 policy group;

30 an element that waits for an event, referred to as a policy wait event
31 condition;

32 an element that waits for a specified amount of time, referred to as a
33 policy schedule condition;

34 an element that waits for a specified policy command action to terminate,
35 referred to as a policy command result condition; and
36 an element that defines a validity period of a root policy rule, referred to as a
37 policy rule validity period.

1 15. (Canceled)

1 16. (Currently amended) A storage system which includes a storage device
2 for storing data for use in an operation server and a management server for managing the
3 operation of the storage device, defining a job targeted for execution as a policy rule, and
4 executing a process in compliance with the policy rule, the job executed by a policy command
5 action performed by a plurality of information devices, the storage system comprising:
6 a storage section configured to store information about data concerning the policy
7 rule and data prescribing a user interface for setting the policy rule, the data defining a global
8 environment variable commonly referenced by all policy command actions that are written as
9 lower-level elements for a root policy rule, wherein each policy command action is capable of
10 setting an initial value for the global environment variable; and
11 a policy wizard GUI which is configured to
12 read the element attribute information about a policy rule from the storage
13 section, process an element of a wizard page defining a guidance window for policy
14 setup, and generate a wizard window using the data prescribing a user interface for
15 setting the policy rule which is stored in the storage section;
16 enter policy rule setup information via the user interface in compliance
17 with an instruction displayed by the generated window; and
18 generate a policy rule in accordance with the information entered via the
19 user interface;
20 wherein the information about data concerning the policy rule contains, in
21 accordance with a user selection made via the user interface, a definition statement for
22 invalidating a specific description written therein,

23 wherein the policy rule further includes elements, each of which is associated
24 with a corresponding process to be executed, the elements including:
25 a root element in the job definition statement, referred to as a policy;
26 an element for grouping policy conditions and policy actions, referred to
27 as policy rules;
28 an element for grouping a plurality of the policy rules, referred to as a
29 policy group;
30 an element that waits for an event, referred to as a policy wait event
31 condition;
32 an element that waits for a specified amount of time, referred to as a
33 policy schedule condition;
34 an element that waits for a specified policy command action to terminate,
35 referred to as a policy command result condition; and
36 an element that defines a validity period of a root policy rule, referred to as a
37 policy rule validity period.

1 17. (Original) The storage system according to claim 16, wherein the policy
2 rule set via the user interface is stored in XML format in the storage section.

1 18. (Previously presented) The storage system according to claim 16, wherein
2 a policy template defining data for executing a policy rule generation process in accordance with
3 contents set by a user via the user interface contains information about a policy guidance window
4 serving as the user interface and information about a generated policy definition XML file.

1 19. (Previously presented) The storage system according to claim 16, wherein
2 the policy rule generated by the policy wizard GUI is delivered to a policy execution engine and
3 registered.

1 20. (Previously presented) The storage system according to claim 16, wherein
2 the storage section stores beforehand information about instances of data concerning the policy
3 rule and information about instances of data prescribing a user interface for setting the policy
4 rule.

1 21. (Previously presented) The information processing system according to
2 claim 10, wherein the stencil for the job definition statement contains, in accordance with a user
3 selection made via the user interface, a definition statement issuing an instruction for generating
4 a job definition statement in which a specific description written in the stencil is repeatedly
5 written.

 22. (Previously presented) The computer readable storage product according
to claim 12, wherein the stencil for the job definition statement contains, in accordance with a
user selection made via the user interface, a definition statement issuing an instruction for
generating a job definition statement in which a specific description written in the stencil is
repeatedly written.